



March 2, 2023

Mr. Robert Kondreck
On-Scene Coordinator
U.S. Environmental Protection Agency, Region 5
Superfund and Emergency Management Division
77 West Jackson Boulevard
Chicago, Illinois 60604

**Subject: Data Validation Report
Nelson Knitting Site - RV
EPA Contract No.: 68HE0519D0005
Task Order/Task Order Line Item No.: 68HE0520F0032/0001DL101
Document Tracking No. 1678**

Dear Mr. Kondreck:

Tetra Tech, Inc. (Tetra Tech) is submitting this data validation report for sixteen air filter cassette samples, including eight field blanks and one lot blank collected at the Nelson Knitting Site. The samples were collected on February 13, 14, 15, and 17, 2023, and were analyzed for asbestos and other fibers by phase contrast microscopy (PCM) by Eurofins Aerotech Built Environment Testing, Inc. laboratory in Phoenix, Arizona. The final laboratory data package was received on February 23, 2023.

Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment and Response Team (START V), EPA Region 5, Revision 3* (August 2022) and the EPA *PLM Validation Process Guidelines for Asbestos Data Review* (October 2016).

Tetra Tech's review did not result in rejection of results for this data package. The results may be used as qualified based on the findings of this validation effort.

If you have any questions regarding this data validation report, please call me at (312)-201-7435

Sincerely,

A handwritten signature in black ink that reads 'Taylor M Cooper'.

Taylor Cooper
Environmental Chemist

Enclosure

cc: Karl Schultz, Tetra Tech Program Manager
Alexis Enright, Tetra Tech Project Manager
Mayra ArroyoOrtiz, Tetra Tech Project Document Control Coordinator
TO-TOLIN File

ATTACHMENT

**DATA VALIDATION REPORT
EUROFINS AEROTECH BUILT ENVIRONMENT TESTING, INC.
REPORT NO. 3171645**

Stage 1 Data Verification Checklist
Nelson Knitting Site - RV
TO/TOLIN Number: 68HE0520F0032/0001DL101

Reviewed by: Taylor Cooper

Laboratory: Eurofins Aerotech Built Environment Testing, Inc.

Report No: 3171645

- ☒ 1. Chain of custody (CoC) documentation is present.
- ☒ 2. Sample receipt condition information is present and acceptable.
- ☒ 3. Laboratory conducting the analysis is identified.
- ☐ 4. All samples submitted to the laboratory are accounted for.
- ☒ 5. Requested analytical methods were performed.
- ☒ 6. Analysis dates are provided.
- ☒ 7. Analyte results are provided.
- ☒ 8. Result qualifiers and definitions are provided.
- ☒ 9. Result units are reported.
- ☐ 10. Requested reporting limits are present.
- ☐ 11. Method detection limits are present.
- ☒ 12. Sample collection date and time are present.

Discrepancies:

Notes:

- 1. The laboratory stated that all samples were received in acceptable condition unless otherwise noted. There were no additional details; therefore, it is assumed the samples met method criteria for analysis.

NELSON KNITTING ASBESTOS ANALYTICAL RESULTS SUMMARY
EUROFINS AEROTECH BUILT ENVIRONMENT TESTING, INC. REPORT NO. 3171645

Lab ID-Version‡	Volume (liters)	Fibers Detected	Fields Read	Fibers/mm ²	95% UCL*	Fibers per CC
-----------------	-----------------	-----------------	-------------	------------------------	----------	---------------

Location: NK-PA01-01-20230213, Personnel Entry Comments:

15342501-1	5,981	< 5.5	100	< 7	< 0.001 (Sr = N/A)	< 0.001
------------	-------	-------	-----	-----	--------------------	---------

U

Location: NK-FB01-20230213, Field Blank 02132023 Comments:

15342502-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
------------	---	-------	-----	-----	----------------	-----

U

Location: NK-FB02-20230213, Field Blank 02132023 Comments:

15342503-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
------------	---	-------	-----	-----	----------------	-----

U

Location: NK-PA01-01-20230214, Personnel Entry Comments:

15342504-1	4,992.3	< 5.5	100	< 7	< 0.001 (Sr = N/A)	< 0.001
------------	---------	-------	-----	-----	--------------------	---------

U

Location: NK-PA02-01-20230214, Boiler Room/East Bay Comments: Door

15342505-1	4,934.1	< 5.5	100	< 7	< 0.001 (Sr = N/A)	< 0.001
------------	---------	-------	-----	-----	--------------------	---------

U

Location: NK-FB01-20230214, Field Blank 02142023 Comments:

15342506-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
------------	---	-------	-----	-----	----------------	-----

U

Location: NK-FB02-20230214, Field Blank 02142023 Comments:

15342507-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
------------	---	-------	-----	-----	----------------	-----

U

Location: NK-PA01-20230215, Personnel Entry Comments:

15342508-1	6,192.3	< 5.5	100	< 7	< 0.001 (Sr = N/A)	< 0.001
------------	---------	-------	-----	-----	--------------------	---------

U

NELSON KNITTING ASBESTOS ANALYTICAL RESULTS SUMMARY
EUROFINS AEROTECH BUILT ENVIRONMENT TESTING, INC. REPORT NO. 3171645

Lab ID-Version†	Volume (liters)	Fibers Detected	Fields Read	Fibers/mm ²	95% UCL*	Fibers per CC
-----------------	-----------------	-----------------	-------------	------------------------	----------	---------------

Location: NK-PA02-01-20230215, Boiler Room Comments:

15342509-1	4,976.2	50	100	63.69	0.011 (Sr = 0.36)	0.005
------------	---------	----	-----	-------	-------------------	-------

Location: NK-FB01-20230215, Field Blank 02152023 Comments:

15342510-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
------------	---	-------	-----	-----	----------------	-----

Location: NK-FB02-2030215, Field Blank 02152023 Comments:

15342511-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
------------	---	-------	-----	-----	----------------	-----

Location: NK-PA01-01-2030217, Personnel Entry Comments:

15342512-1	5,830.8	< 5.5	100	< 7	< 0.001 (Sr = N/A)	< 0.001
------------	---------	-------	-----	-----	--------------------	---------

Location: NK-PA02-01-2030217, Southern Bay Door Comments:

15342513-1	6,049.72	< 5.5	100	< 7	< 0.001 (Sr = N/A)	< 0.001
------------	----------	-------	-----	-----	--------------------	---------

Location: LOT BLANK, Lot# 20221202 Comments:

15342514-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
------------	---	-------	-----	-----	----------------	-----

Location: NK-FB01-2030217, Field Blank 02172023 Comments:

15342515-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
------------	---	-------	-----	-----	----------------	-----

Location: NK-FB02-2030217, Field Blank 02172023 Comments:

15342516-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
------------	---	-------	-----	-----	----------------	-----

TC 3/1/23